

## CERTIFICATE OF TESTING

For the Account Of: **Burch Fabrics**  
4200 Brockton Dr. SE  
Grand Rapids, MI 49512

Contact: **Customer Service**

Client's Identification: **Nexus**

**TEST PERFORMED** California Technical Bulletin 117: June 2013 – Requirements, Test Procedure and Apparatus for Testing the Smolder Resistance of Materials Used in Upholstered Furniture – Cover Fabric Test

### TEST RESULTS

Specimen	Char Length (in)	Extinguished in 45 minutes? (Y/N)
1	Self-extinguished	Y
2	Self-extinguished	Y
3	Self-extinguished	Y

### NOTES

Test Conditions: 70 ±5°F, 50 ±5% Relative Humidity

### ACCEPTANCE CRITERIA

A material is considered to pass or fail based on the following criteria:

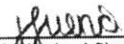
1. A single mock-up test specimen fails to meet the requirements of this test procedure if any of the following criteria occurs:
  - a. The mock-up test specimen continues to smolder after the 45 minute test duration
  - b. A vertical char length of more than 1.8 inches (45mm) develops on the cover fabric
  - c. The mock-up test specimen transitions to open flaming
2. The cover fabric passes the test if three initial mock-up specimens pass the test, i.e. the cigarettes burn their full length and are no longer smoldering
3. If more than one initial specimen fails, the cover fabric fails the test
4. If any one of the three initial specimens fails, repeat the test on additional three specimens
5. If all three additional specimens pass the test, the cover fabric passes the test. If any one of the additional three specimens fails, the cover fabric fails the test

### CONCLUSION

Based on the above Results and Acceptance Criteria, the item tested is:

- ☒ Pass  
☐ Fail

**CERTIFICATION** I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

  
Authorized Signature



TEXTILE TESTING



ACCREDITED  
TESTING CERT. #3193.01

Report Number: 75561  
Date: 10-15-2015

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Contact: Customer Service

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**TEST PERFORMED** NFPA 260 Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture – 2013; Fabric Cover Test and UFAC Fabric Classification Test Method – 1990; Standard Test Methods for Cigarette Ignition Resistance of Components of Upholstered Furniture ASTM E1353-08ae1 – Cover Fabric Test

#### TEST RESULTS

Specimen	Char Length (in)
1	Self-Extinguished
2	Self-Extinguished
3	Self-Extinguished

#### NOTES

Test Conditions: 70 ±4°F, 65 ±5% Relative Humidity

#### ACCEPTANCE CRITERIA

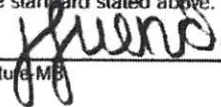
1. If the test specimen has no ignition, or if no individual specimen yields a vertical char of 45 mm (1.75 in.; ASTM states 1.8 in.) or less, the fabric is classified a Class I cover fabric.
2. If the vertical char of the test specimen greater than 45 mm (1.75 in.; ASTM states 1.8 in), the fabric is classified a Class II cover fabric.
3. If an obvious ignition of the polyurethane substrate occurs on the test assembly, the fabric is classified a Class II cover fabric.

#### CONCLUSION

Based on the above Results and Acceptance Criteria, the item tested is:

- ☒ Class I  
☐ Class II

**CERTIFICATION** I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above.

Authorized Signature: 

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**TEST PERFORMED** IMO 2010 FTP Code, Part 8 – Test for upholstered furniture

### TEST RESULTS

#### Smoldering Ignition Source

	Progressive Smoldering (Yes / No)	Flaming (Yes / No)	Char (mm)
Initial Test	NO	NO	0
Retest	NO	NO	0

#### Flaming Ignition Source

	Flaming* (s)	Glowing* (s)	Smoking* (s)	Smoldering* (s)	Char (mm)
Initial Test	0	0	7	0	10
Retest	0	0	13	0	8

\*Values are reported after removal of burner tube ignition source.

### NOTES

Test Conditions: 70 ±2°F, 65 ±2% Relative Humidity

Sampling Method: As Received

Deviations: None

Test Item Composite Filling Material –

- ☒ Standard filling material
- ☒ Non flame retardant flexible polyether foam, 22 kg/m<sup>3</sup> (1.4 lb/ft<sup>3</sup>)
- ☐ Flame retardant polyurethane foam, CMHR, 35 kg/m<sup>3</sup> (2.2 lb/ft<sup>3</sup>)
- ☐ Client's filling material

### ACCEPTANCE CRITERIA

#### Smoldering Ignition Source

- Progressive smoldering or flaming must cease within one hour after start of test

#### Flaming Ignition Source

- Flaming, glowing, smoking or smoldering may not exceed 120 seconds

### CONCLUSION

Based on the above results and failure criteria, the item tested:

- ☒ Meets the requirements – May be labeled IMO FTPC Part 8
- ☐ Does not meet the requirement

**CERTIFICATION** I certify that the above results were obtained after testing specimen in accordance with the procedures and equipment specified by the standard stated above. The test results relate to the behavior of the test specimens of a product under the particular conditions of the test; they are not intended to be the sole criterion for assessing the potential fire hazard of the product in use.

Authorized Signature-MB